



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Mounji G. Bawendi *et al.* Art Unit: : 1641
Serial No. : 09/832,959 Examiner : Christopher L. Chin
Filed : April 12, 2001
Title : BIOLOGICAL APPLICATIONS OF QUANTUM DOTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b), Massachusetts Institute of Technology, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of:

☒ An assignment from the inventors of a priority application of the patent application identified above, recorded at the Patent and Trademark Office on October 25, 1999 at reel/frame 010328/0390. A copy of the recorded assignment is enclosed for your reference.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints:

Harold H. Fox	Reg. No. 41,498
Stuart T.F. Huang	Reg. No. 34,184
D. Douglas Price	Reg. No. 24,514
Charles F. Schill	Reg. No. 27,590
Scott D. Watkins	Reg. No. 36,715

of: STEPTOE & JOHNSON LLP
1330 Connecticut Avenue, NW
Washington, DC 20036

with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

Applicant : Bawendi et al.
Serial No. : 09/832,959
Filed : April 12, 2001
Page : 2 of 2

Attorney's Docket No.: 14952.0273 D1 / MIT 7772 DIV

All correspondence regarding the application should be sent to:

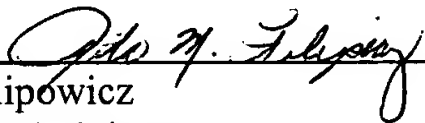
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: 4/13/04



Rita Filipowicz
Patent Administrator
Massachusetts Institute of Technology

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JANUARY 19, 2000



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RECORDATION DATE: 10/25/1999

REEL/FRAME: 010328/0390
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
BAWENDI, MOUNGI G.

DOC DATE: 01/26/1999

ASSIGNOR:
MIKULEC, FREDERICK V.

DOC DATE: 01/26/1999

ASSIGNOR:
SUNDAR, VIKRAM C.

DOC DATE: 01/26/1999

ASSIGNEE:
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77 MASSACHUSETTS AVENUE
CAMBRIDGE, MASSACHUSETTS 02142

SERIAL NUMBER: 09160454
PATENT NUMBER:

FILING DATE: 09/24/1998
ISSUE DATE:

TARA WASHINGTON, *EXAMINER
ASSIGNMENT DIVISION
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MRD 10-25-99

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Name (line 1) Moungi G. Bawendi

Execution Date
Month Day Year
1/26/99

Name (line 2) Frederick V. Mikulec

Second Party

Name (line 1) Vikram C. Sundar

Execution Date
Month Day Year
1/26/99

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Massachusetts Institute of Technology

Name (line 2)

Address (line 1) 77 Massachusetts Avenue

Address (line 2)

Address (line 3) Cambridge

MA

U.S.A

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Zip Code

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Area Code and Telephone Number **(617) 248-5000**

Name **Elizabeth E. Nugent**

Address (line 1) **Choate, Hall & Stewart**

Address (line 2) **53 State Street, Exchange Place**

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Patent Application Number(s)

09/160,454

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

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deposited with the United States Postal Service as first
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on **10-22-99**

Sarah B. Kline

ASSIGNMENT

WHEREAS, We, Mouni G. Bawendi of Boston, Massachusetts; Frederick V. Mikulec of Somerville, Massachusetts; and Vikram C. Sundar of Somerville, Massachusetts having invented a certain improvement in a **BIOLOGICAL APPLICATIONS OF QUANTUM DOTS** for which We have made application for a United States Patent, said application filed on September 24, 1998, and having a United States Serial No. 09/160,454;

WHEREAS, Massachusetts Institute of Technology a non-profit educational institution having offices at 77 Massachusetts Avenue, Cambridge, MA 02142 and its successors and assigns (collectively hereinafter called "the Assignee"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, I do hereby sell assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said Applications and all patents which may granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said Applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or to its successors, assigns and legal representative, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge
MA this 26 day of Jan, 1998

Moungi G. Bawendi
Moungi G. Bawendi

STATE OF Mass.
COUNTY OF Middlesex SS.

Before me this 26th day of Jan, 1998, personally appeared Moungi G. Bawendi known to me to be the person whose name of subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.



Maria Nargi
NOTARY PUBLIC

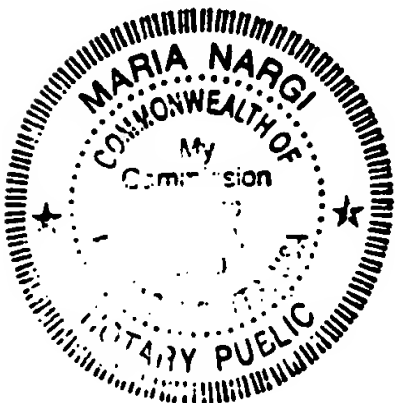
My Commission Expires: 11/10/2000

IN WITNESS WHEREOF, I hereto set my hand and seal at CAMBRIDGE
MASSACHUSETTS this 26 day of JAN, 1998.

Frederick V. Mikulec
Frederick V. Mikulec

STATE OF Mass
COUNTY OF Middlesex SS.

Before me this 26th day of Jan, 1998, personally appeared Frederick V. Mikulec known to me to be the person whose name of subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.



Maria Nargi
NOTARY PUBLIC EXP 11/10/2000

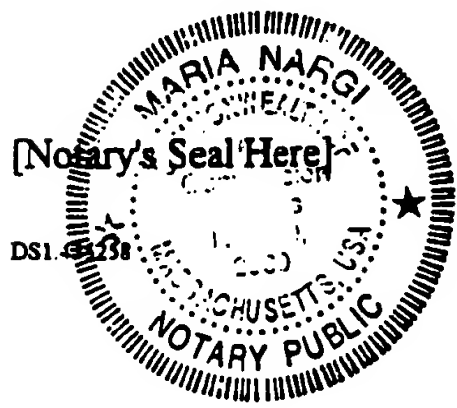
IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge
Mass. this 26 day of January, 1998.

Vikram C. Sundar

Vikram C. Sundar

STATE OF MASS.
COUNTY OF Middlesex SS.

Before me this 26th day of Jan, 1998, personally appeared
Vikram C. Sundar known to me to be the person whose name of subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the purposes
therein contained.



Maria Nargi
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